

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

The drawings filed (insert date) 4/8/94 are:
 A. ☒ not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS 37 CFR 1.84(a): Acceptable categories of drawings:
 Black ink. Color _____
 Not black solid lines. Fig(s) _____
 Color drawings are not acceptable until petition is granted.

2. PHOTOGRAPHS 37 CFR 1.84(b)
 Photographs are not acceptable until petition is granted.

3. GRAPHIC FORMS 37 CFR 1.84(d)
 Chemical or mathematical formula not labeled as separate figure. Fig(s) _____
 Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) _____
 Individual waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) _____

4. TYPE OF PAPER 37 CFR 1.84(e)
 Paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s) _____
 Erasures, alterations, overwritings, interlineations, cracks, creases, and folds not allowed. Sheet(s) _____

5. SIZE OF PAPER 37 CFR 1.84(f): Acceptable paper sizes:
 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
 21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
 21.0 cm. by 29.7 cm. (DIN size A4)
 All drawing sheets on the same sheet. Sheet(s) _____
 Drawing sheet not of acceptable size. Sheet(s) _____

6. MARGINS 37 CFR 1.84(g): Acceptable margins:

Paper size			
21.6 cm. X 35.6 cm. (8 1/2 X 14 inches)	21.6 cm. X 33.1 cm. (8 1/2 X 13 inches)	21.6 cm. X 27.9 cm. (8 1/2 X 11 inches)	21.0 cm. X 29.7 cm. (DIN Size A4)
Top (T) 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm. (1")
Left (L) 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm. (1")
Right (R) 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm. (1")
Bottom (B) 5.1 cm. (2")	2.5 cm. (1")	2.5 cm. (1")	2.5 cm. (1")

Minimum: 1. Not conform to chart above.

Sheet(s) _____

Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

7. VIEWS 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes.

- All views not grouped together. Fig(s) _____
 Views connected by projection lines. Fig(s) _____
 Views contain center lines. Fig(s) _____

- Partial views 37 CFR 1.84(h)(2)
 Separate sheets not linked edge to edge. Fig(s) _____
 View and enlarged view not labeled separately. Fig(s) _____
 Being view relationship between different parts not clear and unambiguous. 37 CFR 1.84(h)(2)(ii). Fig(s) _____

- Sectional views 37 CFR 1.84(h)(3)
 Hatching not indicated for sectional portions of an object. Fig(s) _____
 Hatching of regularly spaced oblique parallel lines not spaced sufficiently. Fig(s) _____
 Hatching not at substantial angle to surrounding axes or principal lines. Fig(s) _____
 Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s) _____
 Hatching of juxtaposed different elements not angled in a different way. Fig(s) _____

- Alternate position 37 CFR 1.84(h)(4)
 A separate view required for a new position. Fig(s) _____

Modified forms 37 CFR 1.84(h)(5)

- Modified forms of construction must be shown in separate view. Fig(s) _____

8. ARRANGEMENT OF VIEWS 37 CFR 1.84(i)

- View placed upon another view or within outline of another. Fig(s) _____
 Words do not appear in a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE 37 CFR 1.84(j)

- Scale not large enough to show mechanism with out crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
 Indication such as "actual size" or "scale 1/2" is permitted. Fig(s) _____
 Elements of same view not in proportion to each other. Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS 37 CFR 1.84(k)

- Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings). Fig(s) 1-4 3/4 in parts

11. SHADING 37 CFR 1.84(m)

- Shading used for other than shape of spherical, cylindrical, and conical elements of an object, or for flat parts. Fig(s) _____
 Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p)

- Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(i). Fig(s) _____
 Numbers and reference characters used in conjunction with brackets, inverted commas, or enclosed within outlines. 37 CFR 1.84(p)(i). Fig(s) _____
 Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(i). Fig(s) _____
 English alphabet not used. 37 CFR 1.84(p)(2). Fig(s) _____
 Numbers, letters, and reference characters do not measure at least 37 cm. (1 1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES 37 CFR 1.84(q)

- Lead lines cross each other. Fig(s) _____
 Lead lines missing. Fig(s) _____
 Lead lines not as short as possible. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(r)

- Number appears in top margin. Fig(s) _____
 Number not larger than reference characters. Fig(s) _____
 Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____

15. NUMBER OF VIEWS 37 CFR 1.84(s)

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
 View numbers not preceded by the abbreviation Fig. Fig(s) _____
 Single view contains a view number and the abbreviation Fig. Fig(s) _____
 Numbers not larger than reference characters. Fig(s) _____

16. CORRECTIONS 37 CFR 1.84(w)

- Corrections not durable and permanent. Fig(s) _____

17. DESIGN DRAWING 37 CFR 1.152

- Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____